DECISION STATEMENT
(by STATE RPM)

Date recd: 10/22/02

Disposition:

TRA-60 is the fenced area north of TRA-608. Areas of concern at this site are contaminated soils associated with liquid releases from the aboveground regenerant effluent collection tank (TRA-708c), and lead contaminated soils near the same tank. The former site consists of mercury contaminated soils resulting from releases of sulfuric acid. The total volume of releases from the TRA-708c tank is estimated to be 1,500 gallons. The origin of the lead contaminated soils found at the base of TRA-708c is unknown, but conjectured to be a result of spillage of lead-based paints. Lead can be a contaminant of commercial grade sulfuric acid used for demineralization, but evidence for this source is lacking.

Soil sampling was conducted in 1999, and again in 2001 to characterize soil contamination related to the releases. Both lead and mercury were detected at elevated levels in the soils surrounding the TRA-708c tank. Four additional areas are believed to warrant sampling to ensure that the potential risks associated with this site have been evaluated. These sites include soils around and beneath the TRA-731A Brine Pit (caustics and sulfuric acids), the East/West Trench which held the piping that transported acids from the TRA-731B-E tanks, the North/South Trench which held the piping that transported demineralizing liquids from the TRA-708C aboveground tank, and the Tank 708C Trench, which held piping that transported demineralizing liquids from the TRA-708C aboveground tank. The TRA-731 Brine Pit is not part of the VCO and was closed under a separate consent order. The soils were relegated to CERCLA for additional investigation.

There is agreement with the Track 1 recommendation that a Track 2 investigation, to include soil sampling of the sites described above, be conducted at TRA-60. A Track 2 investigation will include additional sampling to better characterize potential contamination and confirm the presence of elevated levels of lead and mercury, and determine if there is an unacceptable risk posed by these contaminants.

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